

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	113	(166/207,210,380,212,277.ccls. 72/113,119,120.ccls.) and (@pd>"20060217")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/04 11:17
S1	91	("0761518" "0988054" "1301285" "1324303" "1545039" "1561418" "1569729" "1597212" "1880218" "1930825" "1981525" "2017451" "2214226" "2216226" "2383214" "2424878" "2499630" "2519116" "2627891" "2633374" "2663073" "2898971" "3028915" "3039530" "3087546" "3167122" "3179168" "3186485" "3191677" "3191680" "3195646" "3203451" "3203483" "3245471" "3297092" "3326293" "3353599" "3354955" "3467180" "3477506" "3489220" "3583200" "3669190" "3689113" "3691624" "3712376" "3746091" "3776307" "3780562" "3785193").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 09:33
S2	51	("4445201" "4470280" "4697640" "4807704" "4848469" "4866966" "4883121" "4976322" "4997320" "5014779" "4382379" "4487630" "4502308" "4505142" "4505612" "4531581" "4567631" "4581617" "4588030" "4626129" "5052483" "5052849" "5156209" "5267613" "5271472" "5301760" "5307879" "5322127" "5366012" "3818734" "3820370" "3911707" "3948321" "3977076" "4069573" "4127168" "4159564" "4288082" "4319393" "4324407" "4349050" "4359889" "4362324" "4387502" "4407150" "4414739" "4429620" "4450612" "4483399" "5348095").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 09:32
S3	38	("5435400" "5472057" "5520255" "5706905" "5785120" "5887668" "5901787" "5901789" "5924745" "5979571" "6098717" "6325148" "6425444" "6457532" "6527049" "5667011" "5685369" "5560426" "5636661" "6446323" "6454013" "6543552" "2754577" "4371199" "0040054" "0145281" "0166668" "5409059" "5553679" "5960895" "6021850" "6029748" "6070671" "6571672").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 09:33

## EAST Search History

S4	3	("20020166664" "20040045720" "20040118571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 13:16
S5	2	("20040045720").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 13:17
S6	91	("0761518" "0988054" "1301285" "1324303" "1545039" "1561418" "1569729" "1597212" "1880218" "1930825" "1981525" "2017451" "2214226" "2216226" "2383214" "2424878" "2499630" "2519116" "2627891" "2633374" "2663073" "2898971" "3028915" "3039530" "3087546" "3167122" "3179168" "3186485" "3191677" "3191680" "3195646" "3203451" "3203483" "3245471" "3297092" "3326293" "3353599" "3354955" "3467180" "3477506" "3489220" "3583200" "3669190" "3689113" "3691624" "3712376" "3746091" "3776307" "3780562" "3785193").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 13:17
S7	51	("4445201" "4470280" "4697640" "4807704" "4848469" "4866966" "4883121" "4976322" "4997320" "5014779" "4382379" "4487630" "4502308" "4505142" "4505612" "4531581" "4567631" "4581617" "4588030" "4626129" "5052483" "5052849" "5156209" "5267613" "5271472" "5301760" "5307879" "5322127" "5366012" "3818734" "3820370" "3911707" "3948321" "3977076" "4069573" "4127168" "4159564" "4288082" "4319393" "4324407" "4349050" "4359889" "4362324" "4387502" "4407150" "4414739" "4429620" "4450612" "4483399" "5348095").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 13:17
S8	38	("5435400" "5472057" "5520255" "5706905" "5785120" "5887668" "5901787" "5901789" "5924745" "5979571" "6098717" "6325148" "6425444" "6457532" "6527049" "5667011" "5685369" "5560426" "5636661" "6446323" "6454013" "6543552" "2754577" "4371199" "0040054" "0145281" "0166668" "5409059" "5553679" "5960895" "6021850" "6029748" "6070671" "6571672").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 13:17

## EAST Search History

S9	3	("20020166664" "20040045720" "20040118571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/20 13:17
S10	184	S6 S7 S8 S9 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 13:17
S11	311	(166/384).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 15:07
S12	457	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S13	67	(166/210).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S14	649	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S15	583	(166/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S16	269	(166/277).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S17	195	(72/113).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S18	200	(72/119).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09

## EAST Search History

S19	139	(72/120).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:09
S20	2488	S11 S12 S13 S14 S15 S16 S17 S18 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 14:09
S21	728	S20 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 15:10
S22	2	("6457532").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/20 14:39
S23	4	("4681160").URPN.	USPAT	OR	ON	2005/03/20 14:48
S24	159	S20 and (expand expandable expansion).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 15:10
S25	77	(thrust adj bearing) and (cooling adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:42
S26	7	(thrust adj bearing) with (cooling adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:44
S27	1	(thrust adj bearing) with (cooling adj groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:46
S28	3839	(thrust adj bearing) with (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:46

## EAST Search History

S29	1342	(thrust adj bearing) near4 (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:47
S30	202	S29 and (roller and shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/20 17:47
S32	20061	(thrust adj bearing) and roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 18:34
S33	203	S32 and "166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 18:56
S34	5995	(thrust adj bearing).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 01:53
S35	901	S34 and roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 18:59
S36	274	S35 and (first and second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 18:56
S37	172	S34 and (mating mated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 19:57
S38	560	(thrust adj washer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 19:57
S39	28	S38 and (mating mated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/18 21:28

## EAST Search History

S40	109	(166/207,210,380,212,277.ccls. 72/113,119,120.ccls.) and (@pd>"20050320")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/20 14:10
S41	2	("20010033704").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/01 01:05
S42	701	(thrust adj bearing).ti. and sliding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 01:53
S43	5729	(thrust adj bearing) with roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 01:54
S44	346	(thrust adj bearing) with (roller and piston)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 01:54
S45	85	(166/207,210,380,212,277.ccls. 72/113,119,120.ccls.) and (@pd>"20050918")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/04 11:17